

FIG. 1A  
PRIOR ART

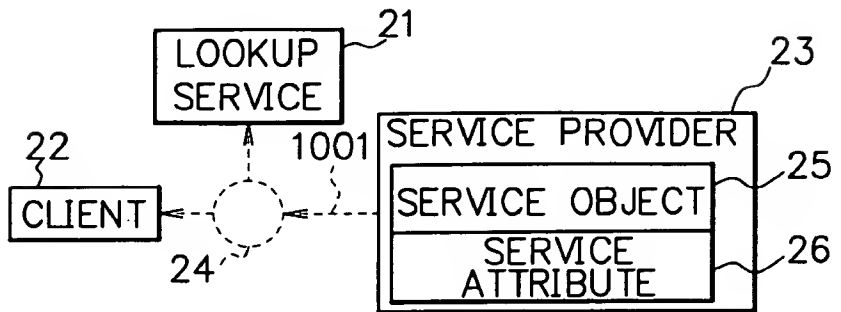


FIG. 1B  
PRIOR ART

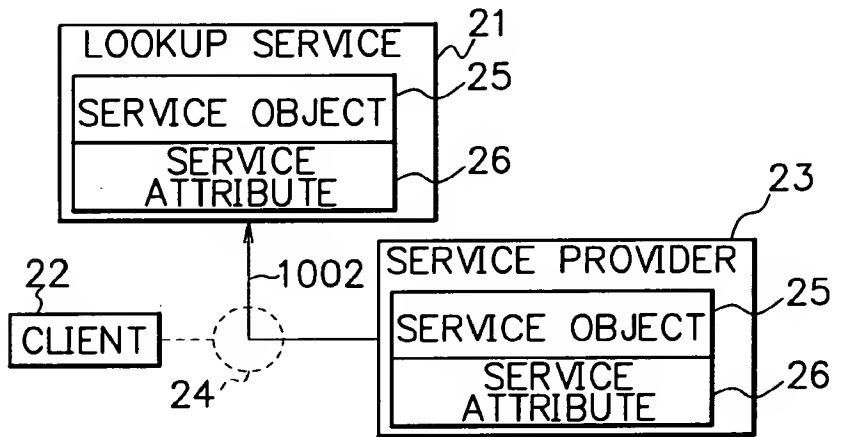


FIG. 1C  
PRIOR ART

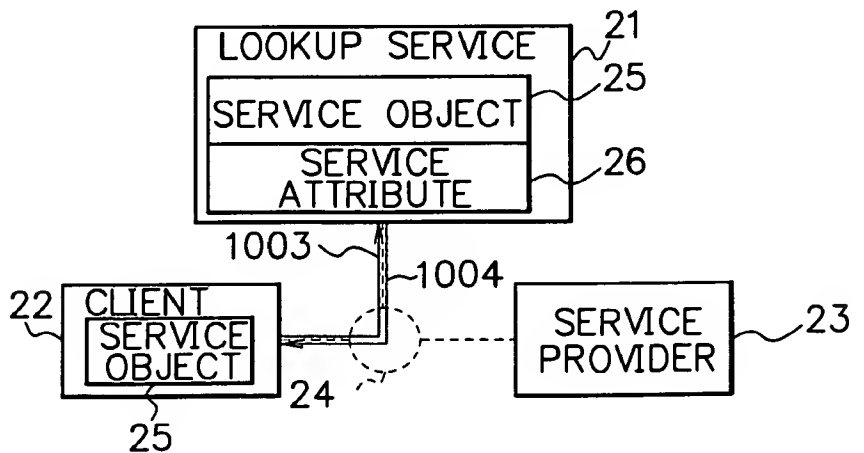
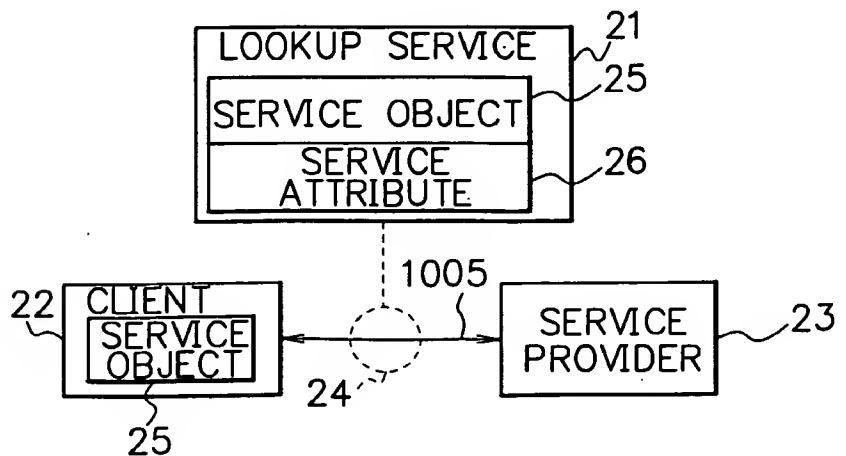


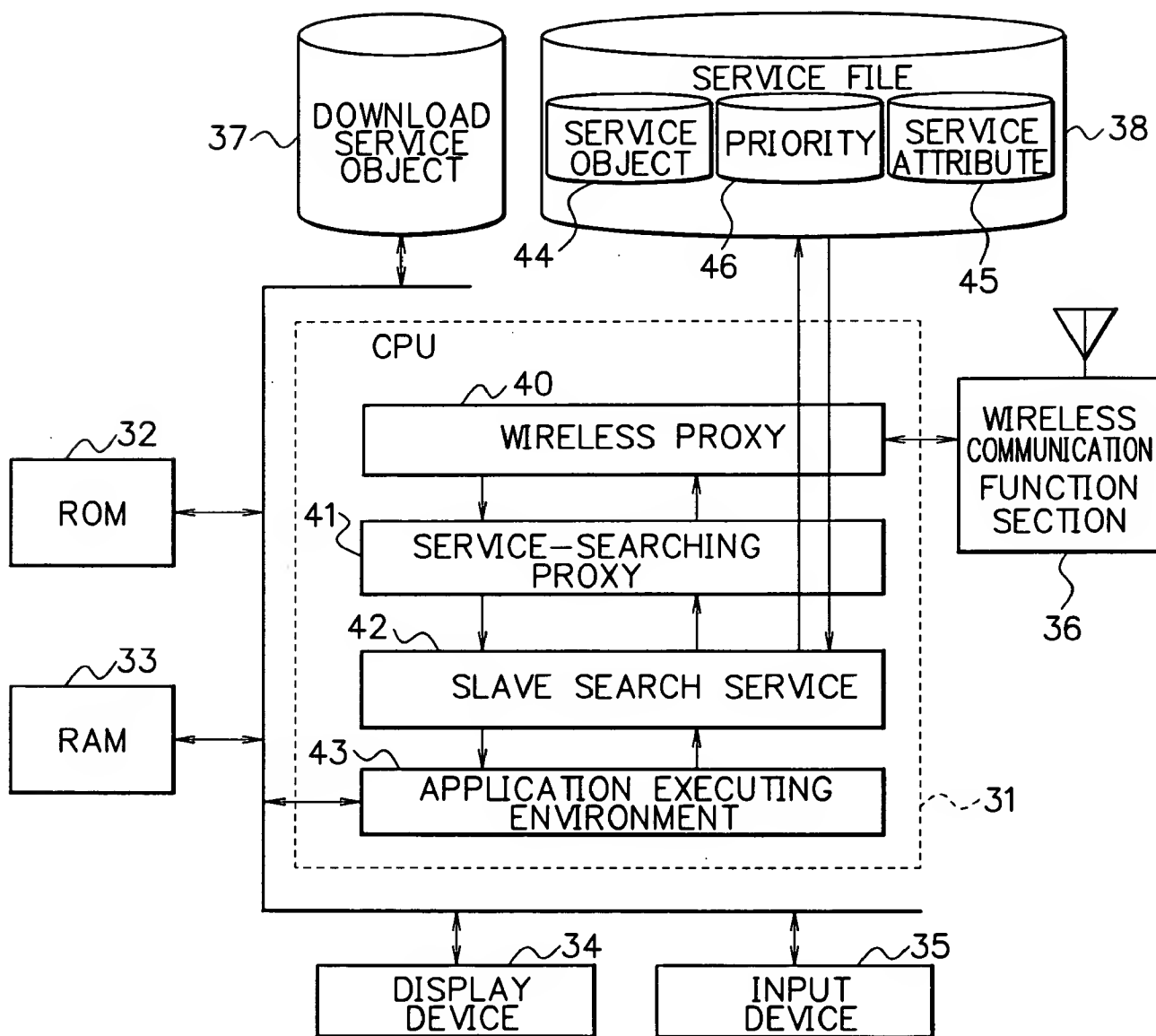
FIG. 1D  
PRIOR ART



0996750-11001

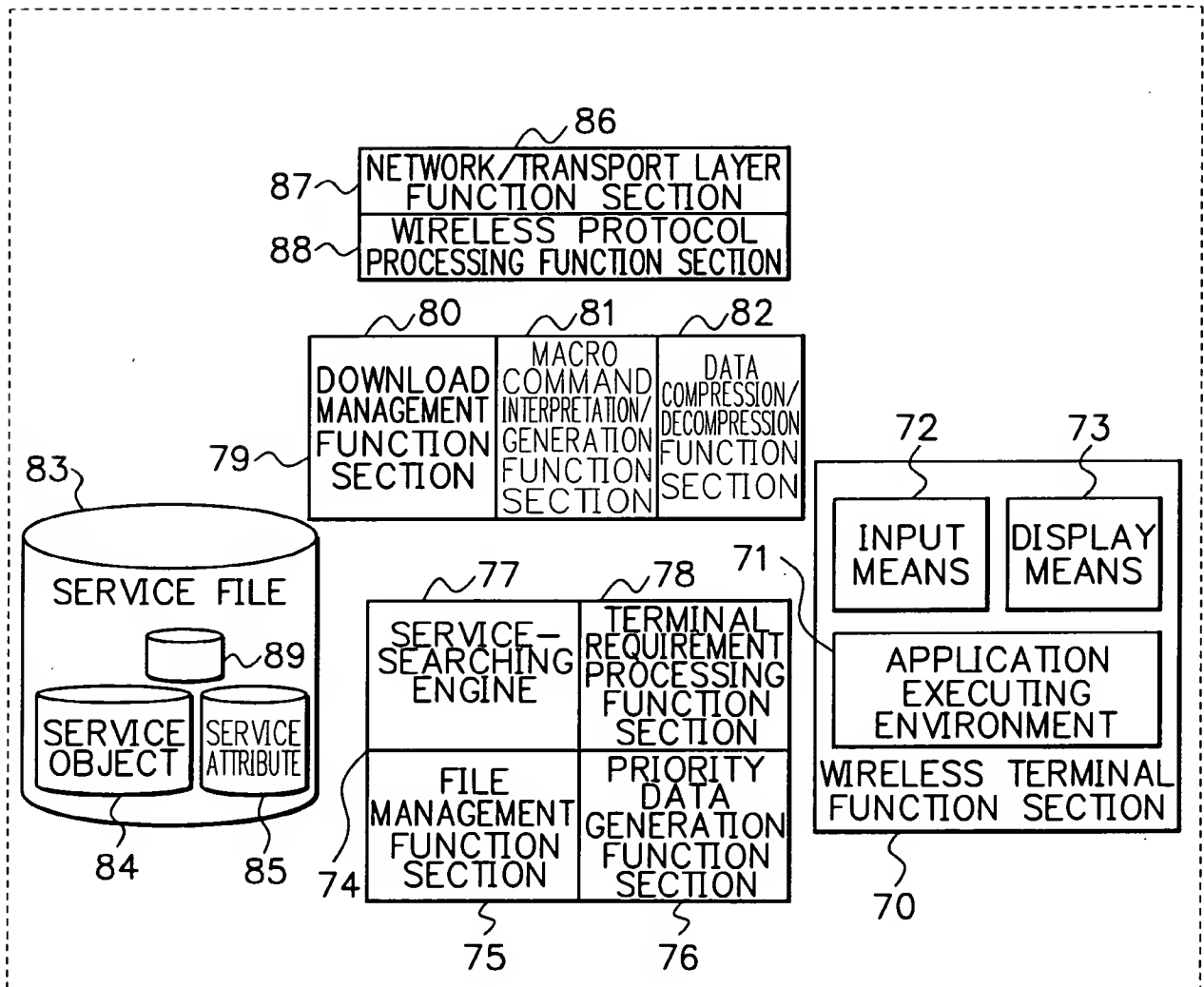
The diagram illustrates a network architecture for a search system. A central circle labeled "NETWORK" (5) is connected to four rectangular boxes, each labeled "SERVICE" (6). To the right of the network, a rectangular box labeled "WIRELESS SERVER DEVICE" contains a sub-box labeled "MASTER SEARCH SERVICE" (4). Below this, another rectangular box labeled "WIRELESS TERMINAL DEVICE" contains a sub-box labeled "SLAVE SEARCH SERVICE" (3). A dashed line (7) connects the "MASTER SEARCH SERVICE" box to the "SLAVE SEARCH SERVICE" box. A solid line (2) connects the "WIRELESS SERVER DEVICE" box to the "WIRELESS TERMINAL DEVICE" box. A solid line (1) connects the "SLAVE SEARCH SERVICE" box back to the "WIRELESS TERMINAL DEVICE" box.

F I G. 3



0956750-113001  
FIG. 3

F I G. 4



0996750-113001

F I G. 5

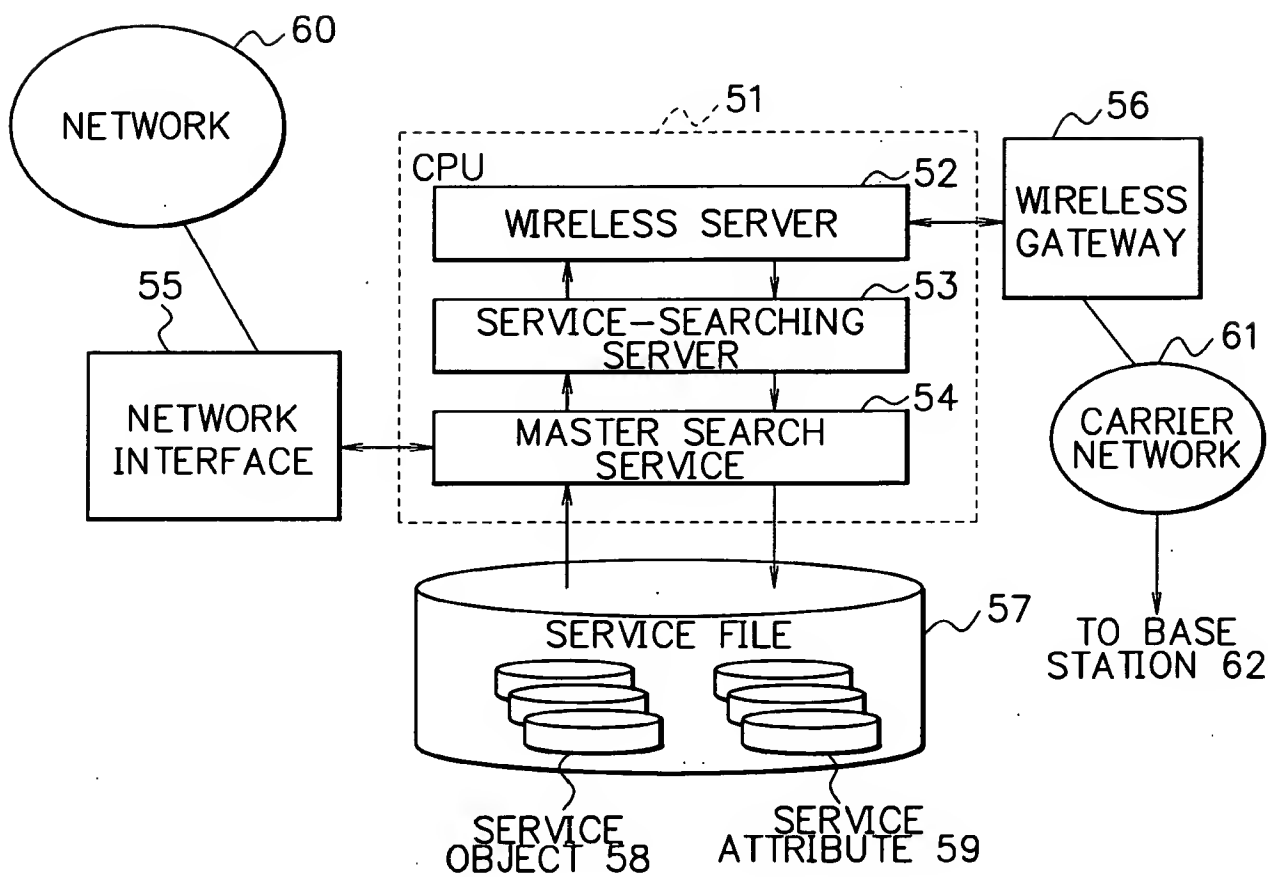
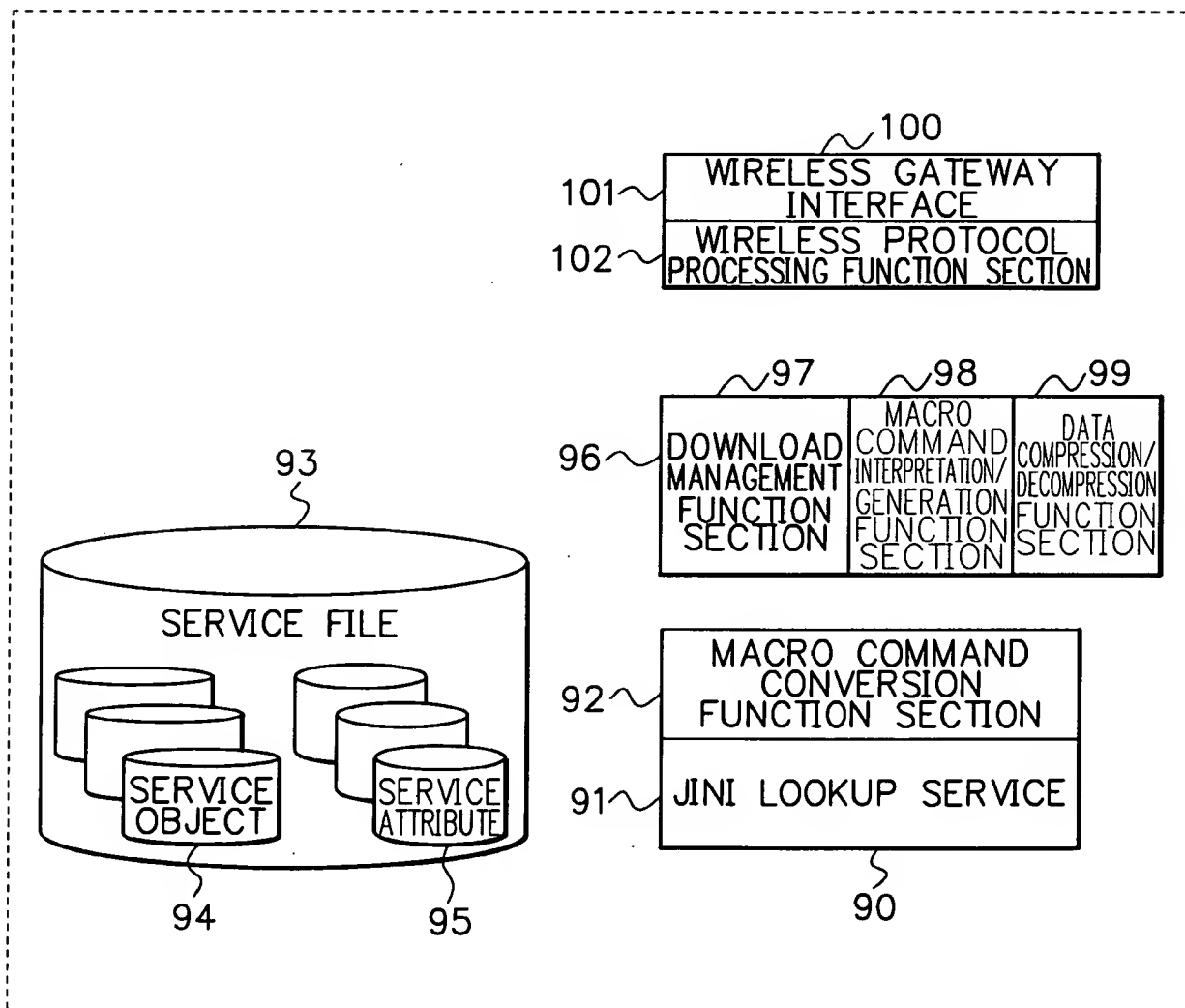


FIG. 5

# FIG. 6



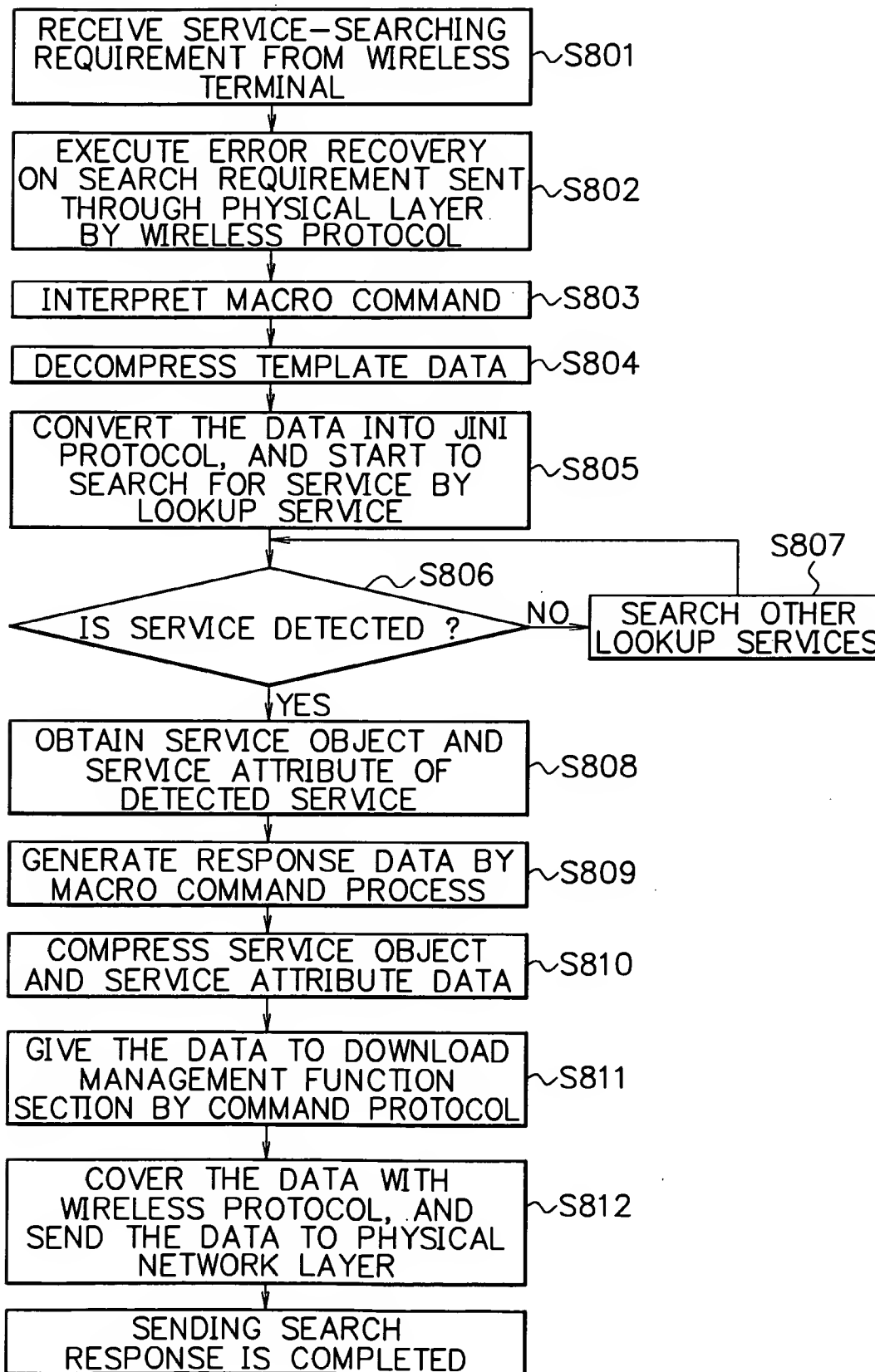
0996750-1:3001

```

graph TD
    S701[REQUIREMENT FOR SERVICE  
ARISES IN APPLICATION] --> S702[TERMINAL FUNCTION SECTION  
MAKES UP ATTRIBUTE TEMPLATE,  
AND GIVES SEARCH SERVICE  
ORDER TO SEARCH FOR  
SERVICE]
    S702 --> S703[TERMINAL REQUIREMENT  
PROCESSING FUNCTION SECTION  
RECEIVES ORDER]
    S703 --> S704[SERVICE-SEARCHING  
ENGINE STARTS TO SEARCH]
    S704 --> S705{IS  
SERVICE DETECTED  
?}
    S705 -- YES --> S711[UPDATE PRIORITY  
DATA]
    S711 --> S712[LOAD SERVICE  
OBJECT]
    S712 --> S713[IMPLEMENT SERVICE]
    S705 -- NO --> S706[GIVE TEMPLATE TO  
SERVICE-SEARCHING  
PROXY, AND REQUIRE  
SEARCH FOR SERVICE IN  
MASTER SEARCH SERVICE]
    S706 --> S707[GENERATE MACRO COMMAND]
    S707 --> S708[COMPRESS TEMPLATE DATA]
    S708 --> S709[GIVE MACRO COMMAND  
AND TEMPLATE DATA TO  
WIRELESS PROXY BY  
COMMAND PROTOCOL]
    S709 --> S710[COVER THE DATA WITH  
WIRELESS PROTOCOL, AND  
SEND THE DATA TO PHYSICAL  
NETWORK LAYER]
    S710 --> S714[SENDING SEARCH  
REQUIREMENT IS COMPLETED]

```

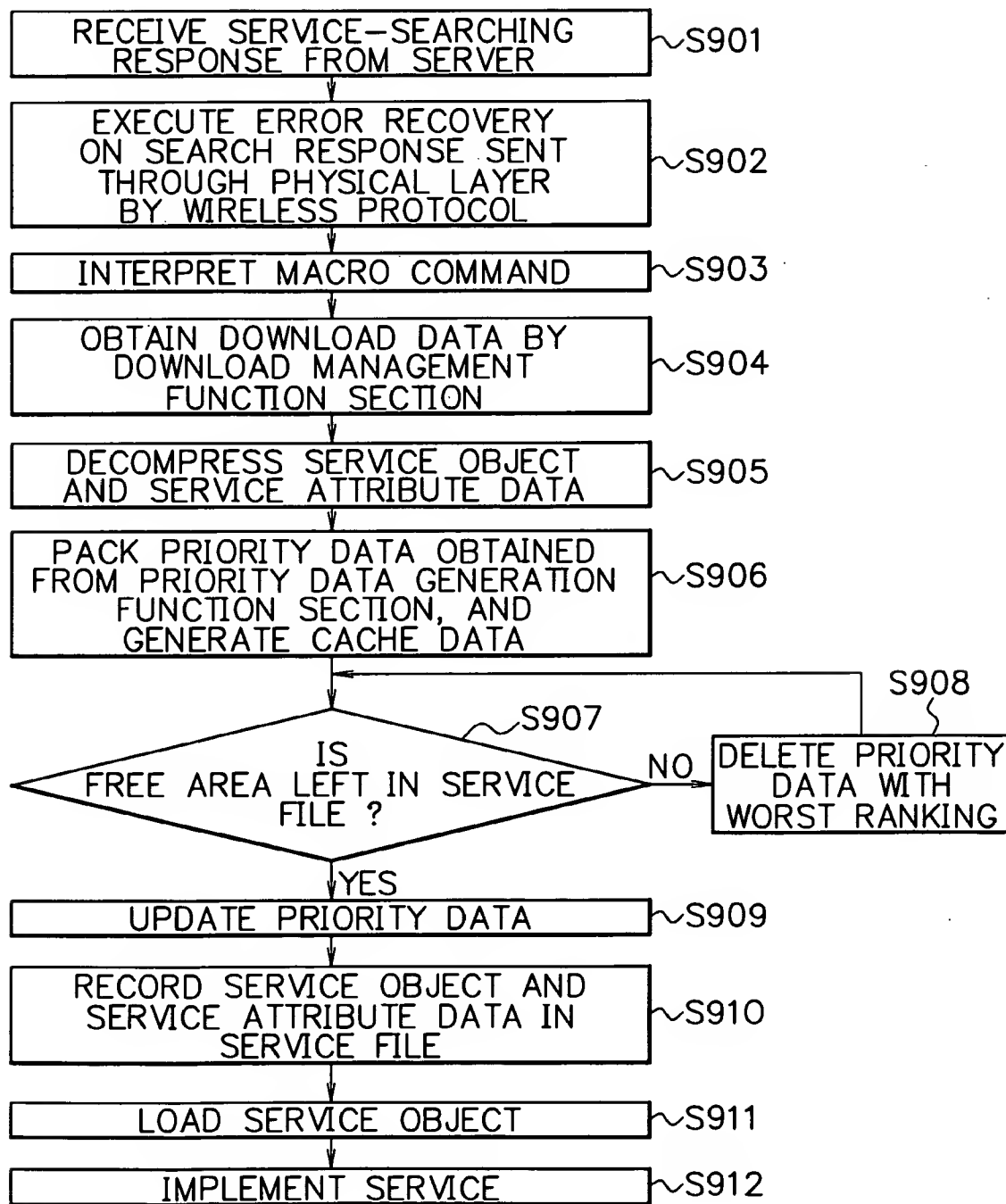
# FIG. 8



0996750-13001

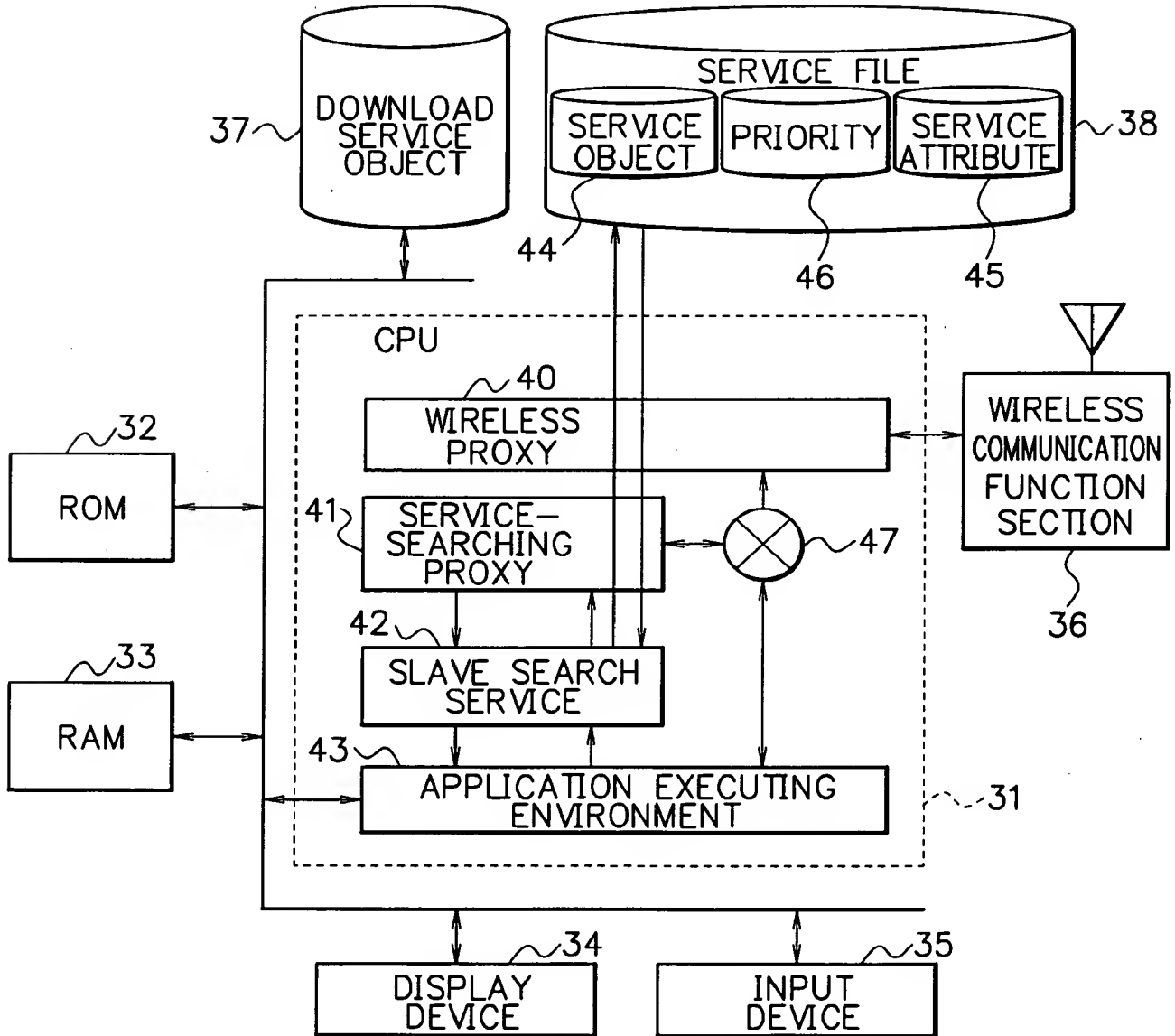


## FIG. 9



0996750-113001

# FIG. 10



0996750-13001